

5: Telescopes

Learning Objectives

- Describe the principles of optics used in telescopes.
- Explain the differences between refracting and reflecting telescopes.
- Understand how radio telescopes work and how they are used.
- Explain uses of telescopes in space.
- Explain how other wavelengths, such as infrared, ultraviolet, x-rays, and gamma rays are used in astronomy.
- Explain other methods for studying the universe, such as gravity wave and neutrino detection.



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